

# Nordic T10303 CK-4 E8/E11 10W-30

*Premium low-SAPS mixed-fleet engine oil*

A premium SAE 10W-30 heavy-duty engine oil with broad ACEA E6/E8/E11 and API CK-4 coverage. This product is positioned as the flagship 10W-30 mixed-fleet lubricant for operators needing wider OEM coverage, after-treatment compatibility and extended performance capability.

## Applications

Recommended for modern and older heavy-duty engines used in commercial trucks and off-road equipment. The product is suitable where broad ACEA E6, E7, E8, E9 and E11 coverage is required, and where engine systems may include after-treatment equipment, turbochargers or superchargers. It is also compatible with Euro IV, Euro V and Euro VI trucks, plus Stage IIIB, Stage IV, Stage V and Tier 4i/4f heavy-duty off-road applications, where the stated specifications are applicable.

## FEATURES

- ✓ **Premium mixed-fleet coverage:** wide OEM specification profile helps simplify lubricant selection
- ✓ **Improved engine cleanliness:** designed to support increased operating hours
- ✓ **High wear protection:** supports extended engine life under heavy-duty operation
- ✓ **Oxidation stability:** helps maintain optimal oil performance during the drain interval

## Specifications

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| ACEA               | E11; E6-16; E7; E8; E9-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| API                | CI-4; CI-4 Plus; CJ-4; CK-4; SN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| JASO               | DH-1; DH-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OEM / Manufacturer | Allison C4; Caterpillar ECF-1a; Caterpillar ECF-2; Caterpillar ECF-3; Caterpillar TO-2; Cummins CES 20076; Cummins CES 20077; Cummins CES 20078; Cummins CES 20081; Cummins CES 20085; Cummins CES 20086; Cummins CES 20092; Cummins CES 20100; DAF Extended Drain; DAF PSQL 2.1 E; DAF PSQL 2.1 E LD; DAF PSQL 2.4; DAF PSQL 2.4 LD; Detroit Diesel DFS 93K215; Detroit Diesel DFS 93K218; Detroit Diesel DFS 93K222; Deutz DQC IV-10 LA; Deutz DQC-III-10 LA; Deutz DQC-III-18 LA; Deutz DQC-IV-18 LA; DTFR 13D110; DTFR 15B110; DTFR 15C100; DTFR 15C110; DTFR 15C120; Ford WSS-M2C171-F1; Iveco 18-1804 Classe T2 E7; Iveco 18-1804 Classe TLS E9; JD JDQ-78X; Liebherr LH-00-ENG5C LA; Mack EO-M PLUS; Mack EO-N; Mack EO-N Premium Plus; Mack EO-O Premium Plus; Mack EO-S 4.5; MAN M3271-1; MAN M3477; MAN M3575; MAN M3775; MB 235.28; MTU Oil Category 2.1; MTU Oil Category 3.1; Renault RGD; Renault RLD; Renault RLD-2; Renault RLD-3; Renault RLD-4; Renault RXD; Scania LA; Voith Retarder Oil Class B; Volvo VDS-3; Volvo VDS-4; Volvo VDS-4.5 |

## TYPICAL TECHNICAL CHARACTERISTICS

| Property                              | Method     | Unit               | Typical Value |
|---------------------------------------|------------|--------------------|---------------|
| Density at 15°C                       | ASTM D4052 | g/ml               | 0.862         |
| Kinematic viscosity at 40°C           | ASTM D445  | mm <sup>2</sup> /s | 76.5          |
| Kinematic viscosity at 100°C          | ASTM D445  | mm <sup>2</sup> /s | 12.0          |
| Viscosity index                       | ASTM D2270 | -                  | 153           |
| Base number, HClO <sub>4</sub> method | ASTM D2896 | mg KOH/g           | 10.2          |
| Pour point                            | ASTM D6892 | °C                 | -42           |
| Flash Point COC                       | ASTM D92   | °C                 | 222           |

The above values are typical characteristics and do not constitute a sales specification. Product information may be updated as technology and manufacturing specifications evolve.

## User Advice

 Always Verify Vehicle Compatibility before use

## Storage, Handling & Environmental Advice

- **Storage:** Store upright in a cool, dry place below 60°C. Avoid direct sunlight and freezing conditions.
- **Handling:** Avoid contamination with other fluids. Always reseal containers after use.
- **Environmental Precautions:** Dispose of used oil and packaging in accordance with local environmental regulations.

## Health and Safety

- **NORDIC Oil** presents no significant risk to health or the environment when used properly. Refer to the Safety Data Sheet (SDS) for full safety, handling, and environmental information.

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[Refer to the latest Safety Data Sheet before use.](#)